

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF PESTICIDE REGULATION
MEDICAL TOXICOLOGY BRANCH

SUMMARY OF TOXICOLOGY DATA
MINERAL OIL – **PETROLEUM OIL (Unclassified)**

Chemical Code # 00401, Tolerance # 00149

SB 950 # 754

Original date: 12/14/01

I. DATA GAP STATUS

Chronic, rat:	Data gap, no study on file
Chronic, dog:	Data gap, no study on file
Oncogenicity, rat:	Data gap, no study on file
Oncogenicity, mouse:	Data gap, study inadequate, possible adverse effect indicated
Reproduction, rat:	Data gap, no study on file
Teratology, rat:	Data gap, no study on file
Teratology, rabbit:	Data gap, no study on file
Gene mutation:	Data gap, no study on file
Chromosomal aberration:	Data gap, no study on file
DNA damage:	Data gap, no study on file
Neurotoxicity:	Not required at this time

Toxicology one-liners are attached.

** - indicates an acceptable study

Bold face indicates a possible adverse effect

File name: T011214

Original: Kishiyama & Silva, 12/14/01

II. TOXICOLOGY ONE-LINERS AND CONCLUSIONS

These pages contain summaries only. Individual worksheets may contain additional effects.

COMBINED, RAT

CHRONIC TOXICITY, RAT

CHRONIC TOXICITY, DOG

ONCOGENICITY, RAT

ONCOGENICITY, MOUSE

149 – 010 115552 “Dermal Oncogenicity Studies of MH-982, MH-983, MH-1147, MH-1148, MH-1173, MH-1174, MH-1175, MH-1255 and MH-1256 in Male C3H/HeJ Mice,” (DePass, L.R., Homan, E.R., McLain, D.E.; Joint Operation: Mellon Institute/Union Carbide Corporation (Bushy Run Center); Report #: 46-509; 10/29/84). MH-983, MH-1147, MH-1148, MH-1173, MH-1174, MH-1175, MH-1255 and MH-1256 were applied (25 ul each, neat) to clipped backs of C3H/HeJ male mice (50/dose). MH-982 was the positive control substance and was applied as a 5% w/w dilution in MH-983. Applications were 3 times/week (except holidays) beginning at age 49 to 63 days, until death or until all survivors had developed tumors. **Possible adverse effect indicated:** There was an increased incidence in skin tumors with MH-982 (positive control), MH-1174, MH-1175 and MH-1256 treatments. Mortality rate increased with MH-982, MH-1174, MH-1175 and MH-1256. All but MH-983 and MH-1174 were also skin irritants. Not acceptable. These data are supplemental. Kishiyama & Silva, 5/29/01.

No studies were submitted for the following categories:

REPRODUCTION, RAT

TERATOLOGY, RAT

TERATOLOGY, RABBIT

GENE MUTATION

CHROMOSOME EFFECTS

DNA DAMAGE